

In the claims:

Please add new claims 68 to 85 as follows:

Dr
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⁸⁶~~68~~. (Amended) An intracorneal insert for introduction into the cornea of a human eye, said insert comprising a physiologically compatible polymer and further comprising at least one elongated portion having a component with a radius of curvature, measured along the centroidinal axis of the insert, greater than 5.0 mm, wherein the insert is adapted for implantation within a human cornea with said component extending in a meridional direction thereby to effect refractive correction. *4 b*

⁸⁷~~69~~. (New) The insert of claim ⁸⁶~~68~~, wherein said radius of curvature is at least 5.5 mm.
⁸⁸~~70~~. (New) The insert of claim ⁸⁶~~68~~, wherein said radius of curvature is between 6.0 and 9.0 mm.

⁸⁹~~71~~. (New) The insert of claim ⁸⁶~~68~~, wherein said radius of curvature is between 7.0 and 8.0 mm.

⁹⁰~~72~~. (New) The insert of claim ⁸⁶~~68~~, wherein said meridional component has a radius of curvature approximating a human corneal curvature when placed in the eye.

⁹¹~~73~~. (New) The insert of claim ⁸⁶~~68~~, having a centroidinal length of less than 3.0 mm.
⁹²~~74~~. (New) The insert of claim ⁹¹~~73~~, wherein said centroidinal length is less than or equal to 2.5 mm.

⁹³~~75~~. (New) The insert of claim ⁹¹~~73~~, wherein said centroidinal length is less than or equal 2.0 mm.

⁹⁴~~76~~. (New) The insert of claim ⁸⁶~~68~~, wherein said elongated portion extends only in a single direction.

⁹⁵~~77~~. (New) The insert of claim ⁸⁶~~68~~, including at least two elongated portions extending in different directions.

⁹⁶~~78~~. (New) The insert of claim ⁹⁵~~77~~, wherein said insert is configured in the shape of an anchor.